

Fig. 1

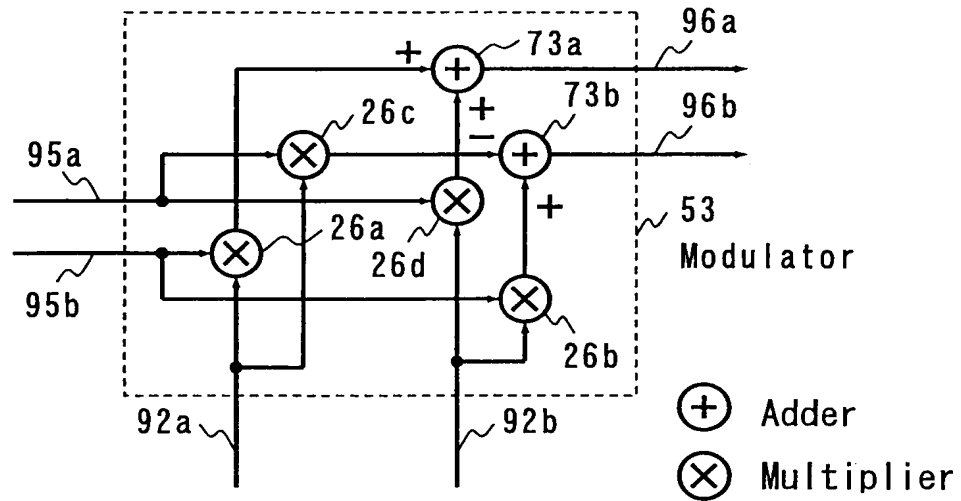


Fig. 2

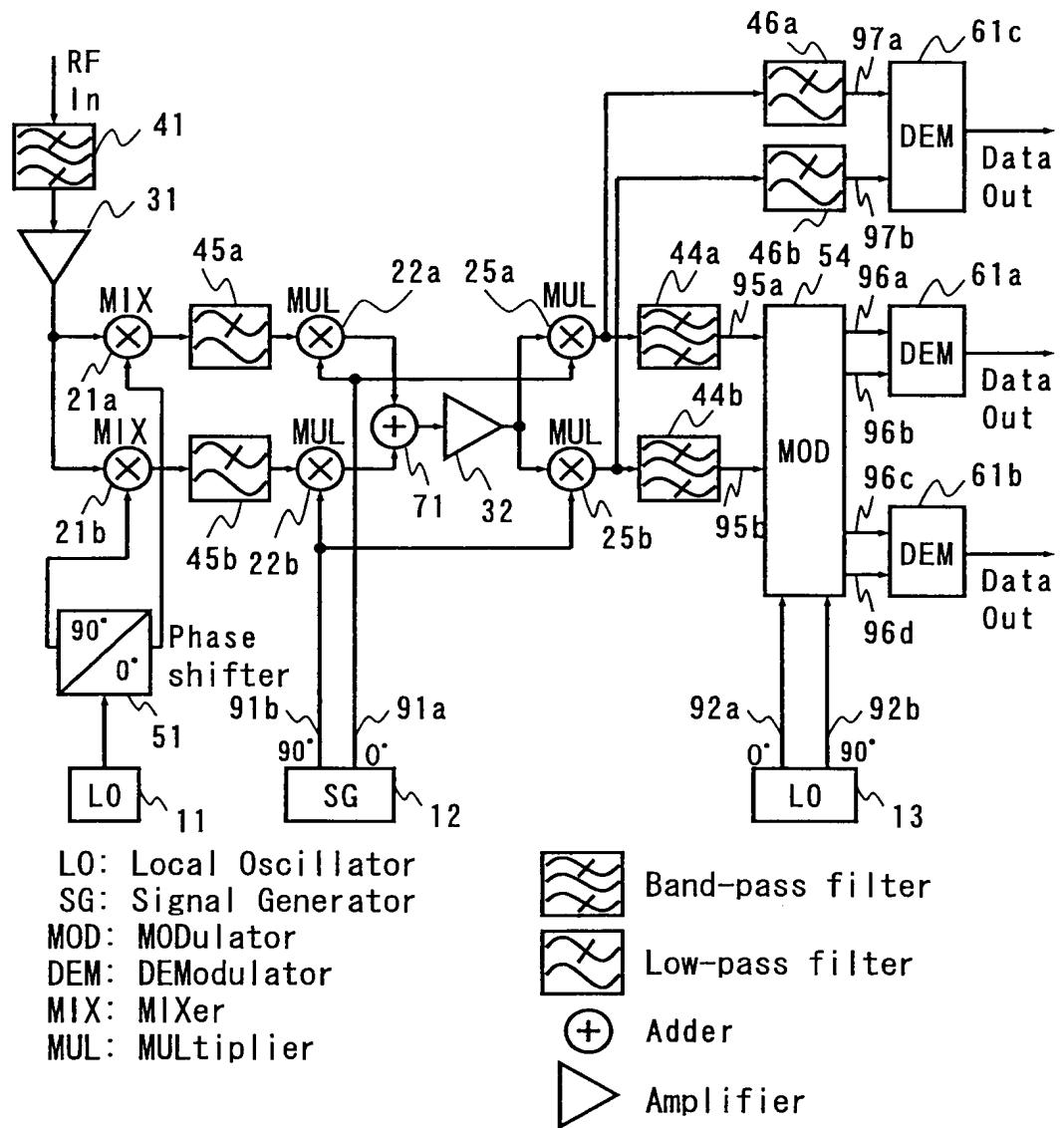


Fig. 5

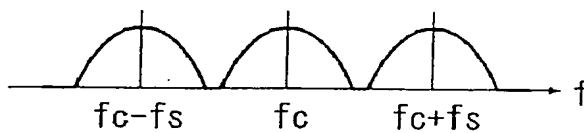


Fig. 6

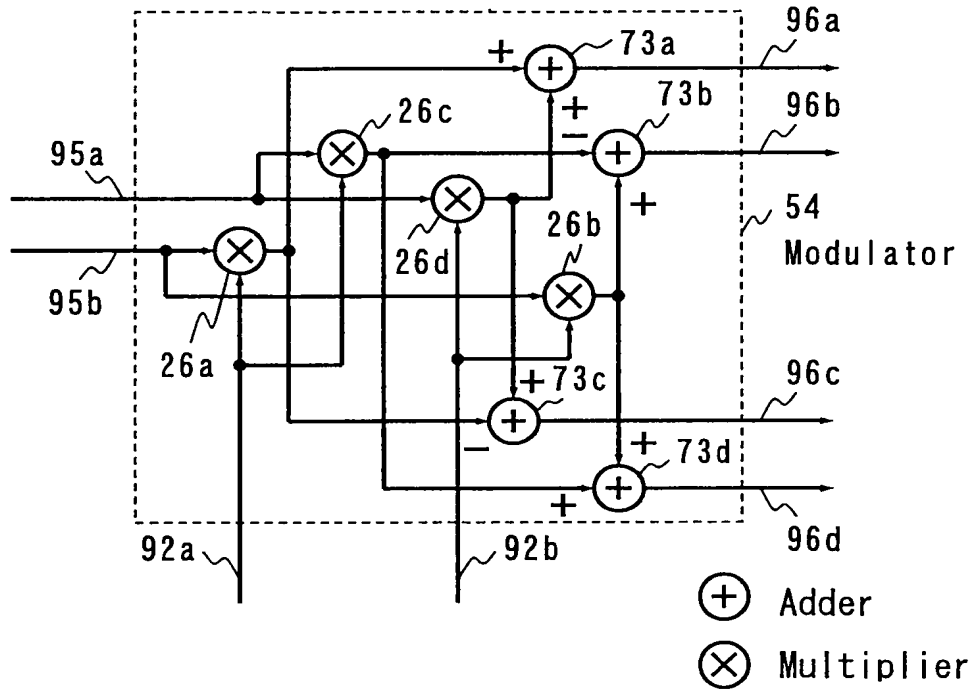


Fig. 7

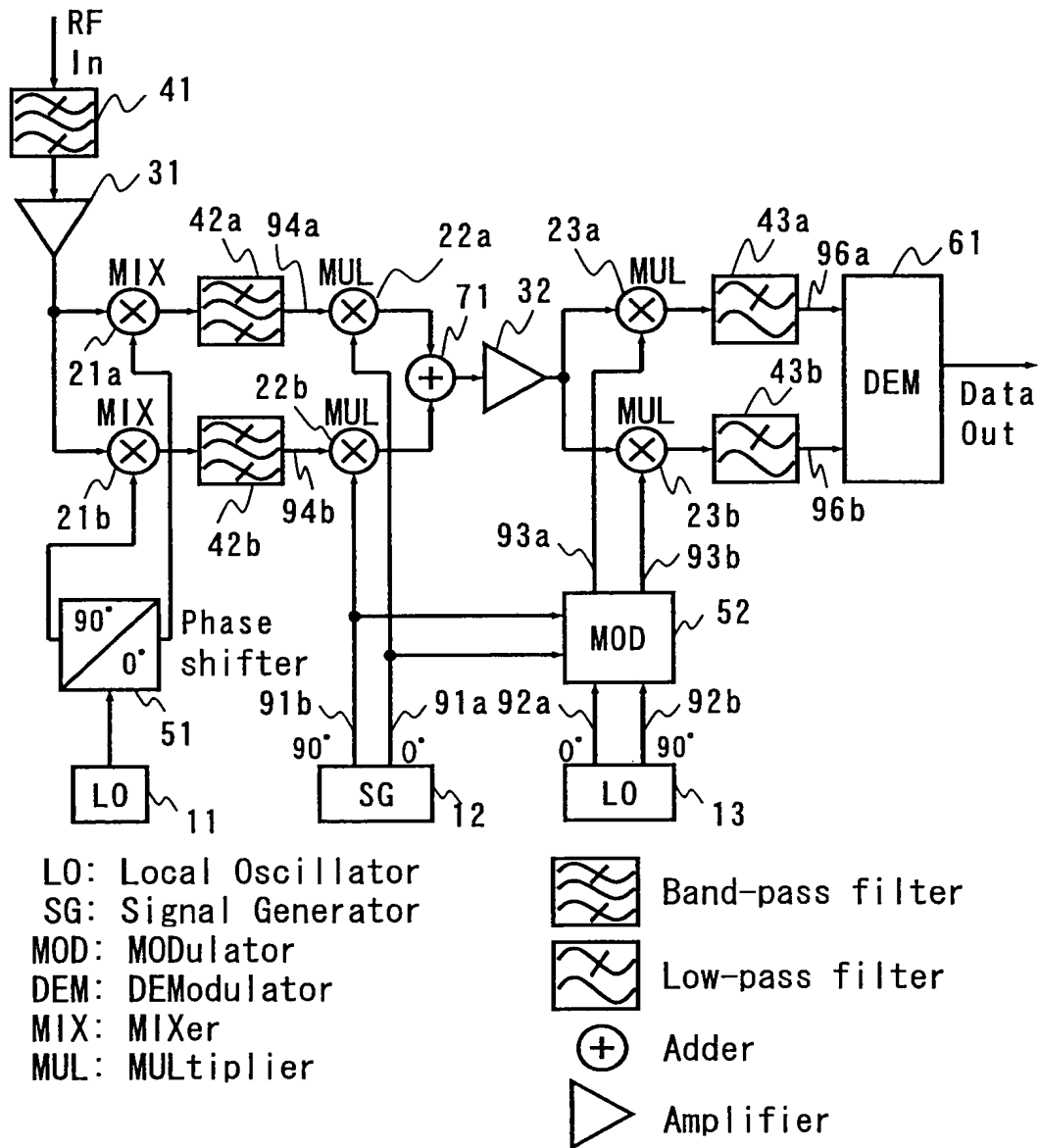


Fig. 8

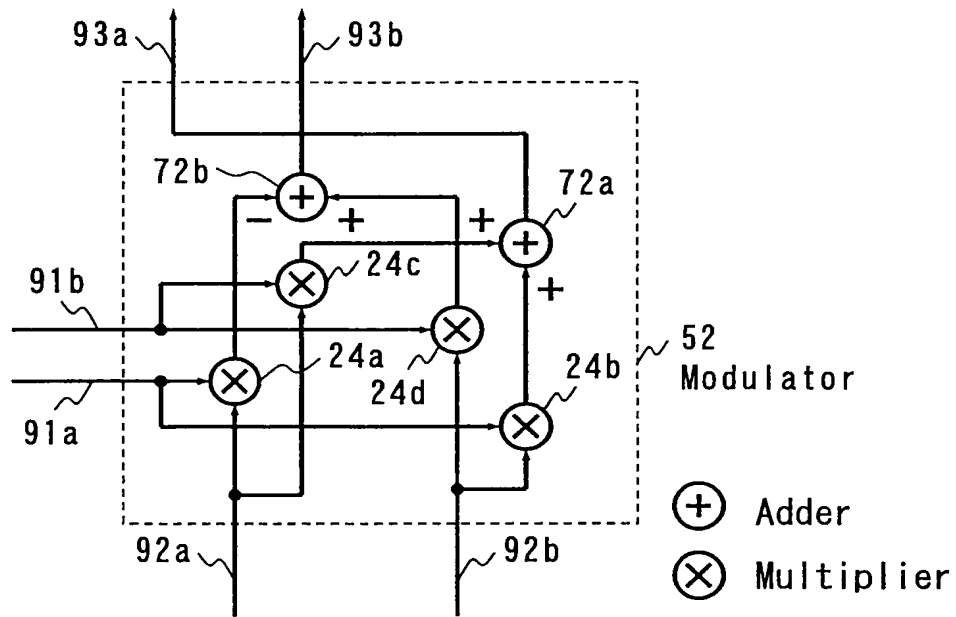


Fig. 9

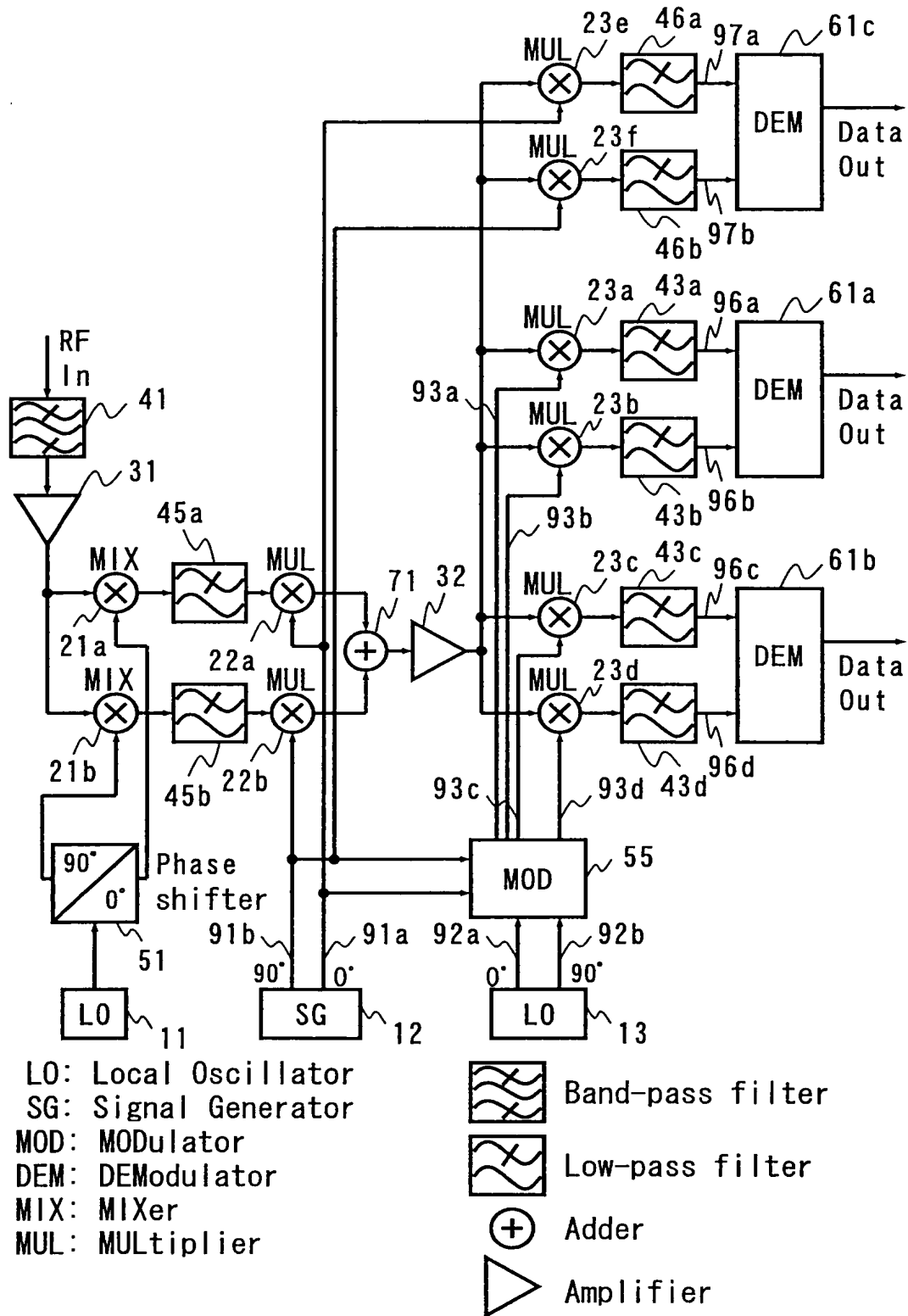


Fig. 10

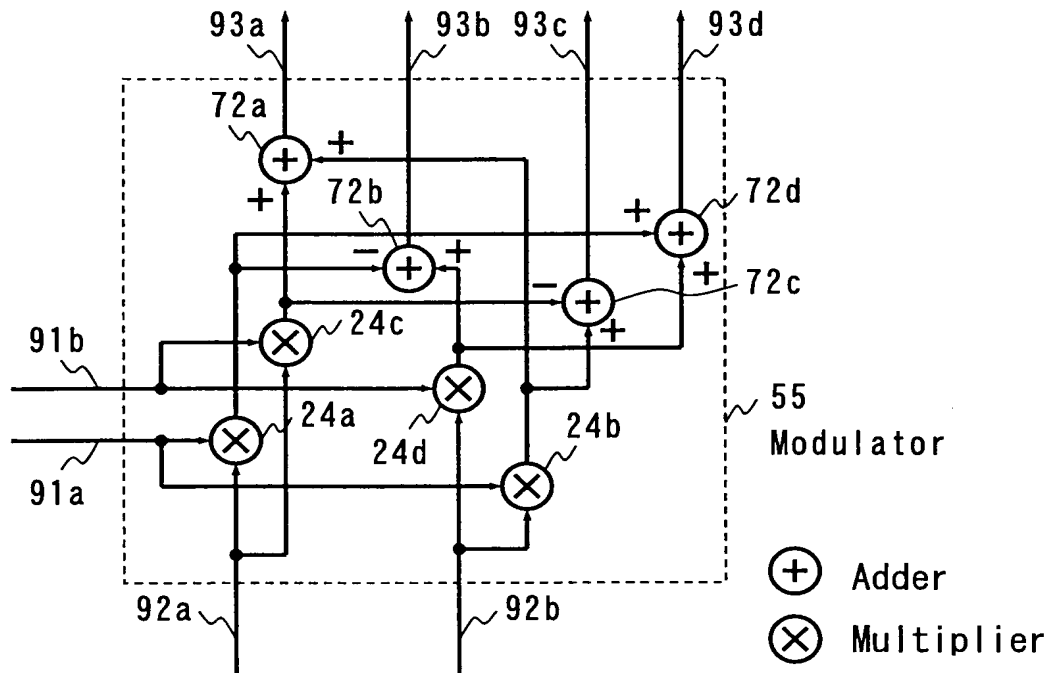


Fig. 11



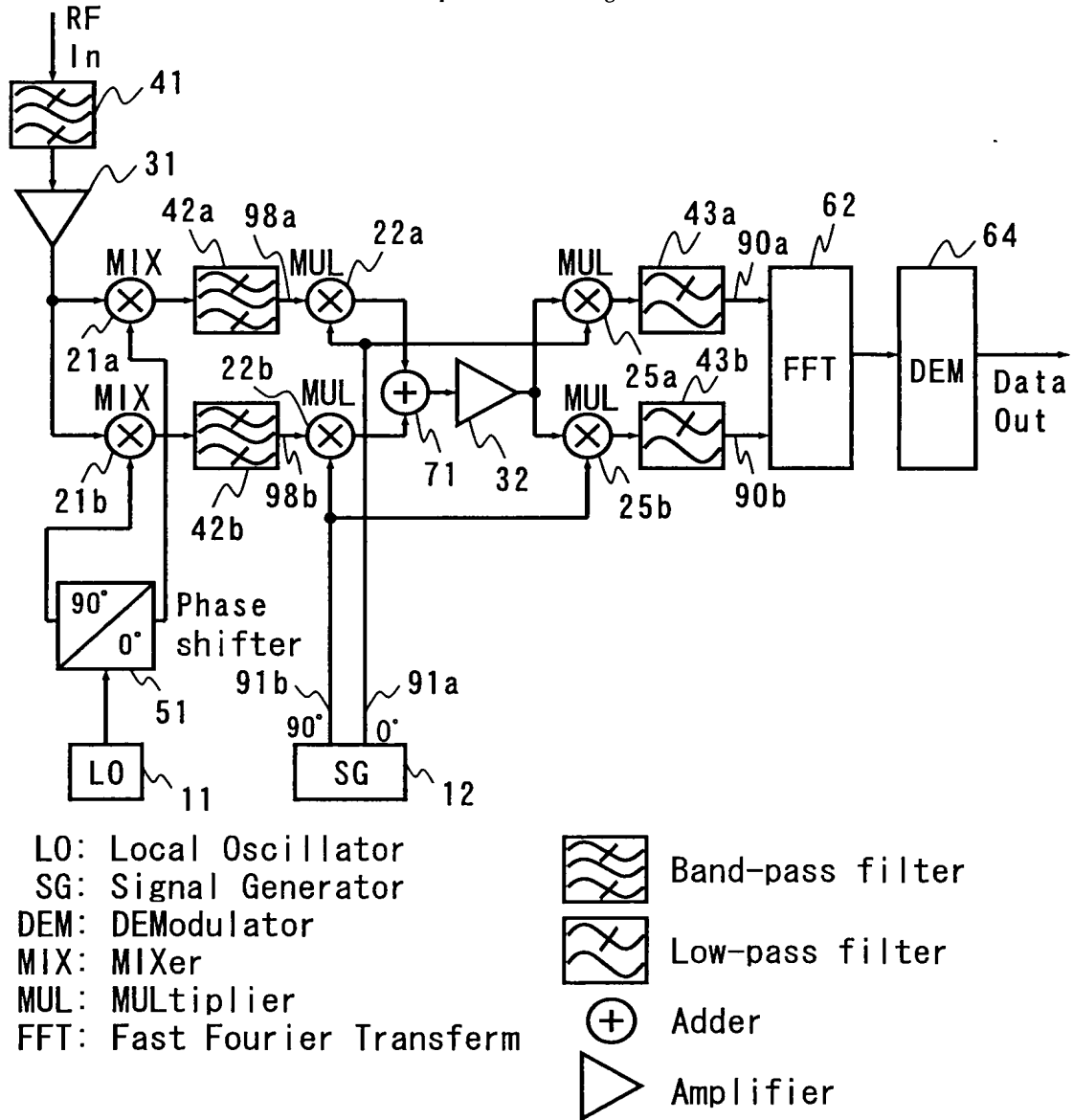


Fig. 12

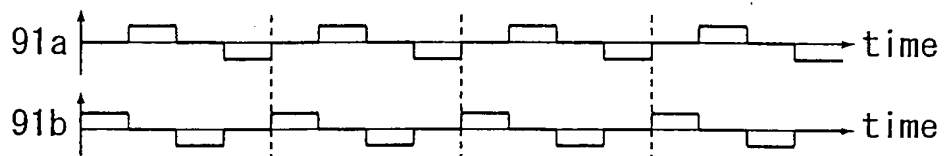
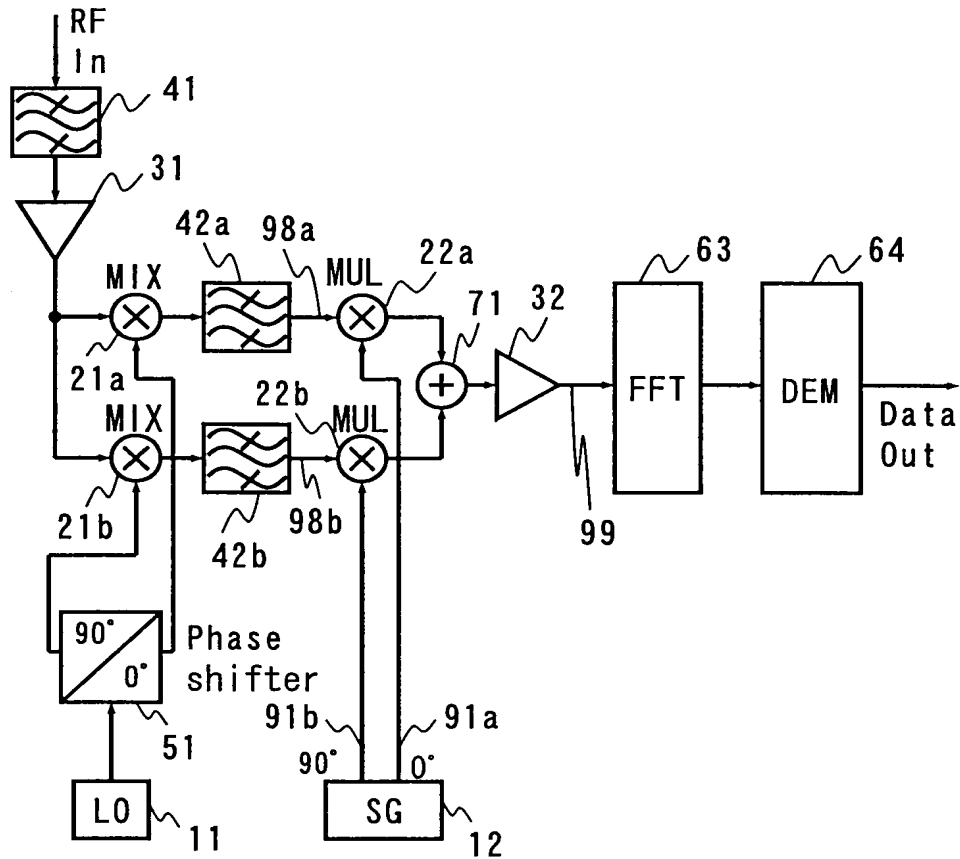


Fig. 13



LO: Local Oscillator  
SG: Signal Generator  
DEM: DEModulator  
MIX: MIXer  
MUL: MULTIplier  
FFT: Fast Fourier Transform

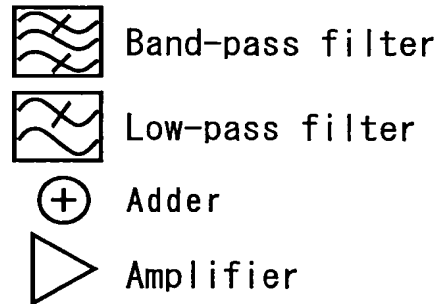


Fig. 14

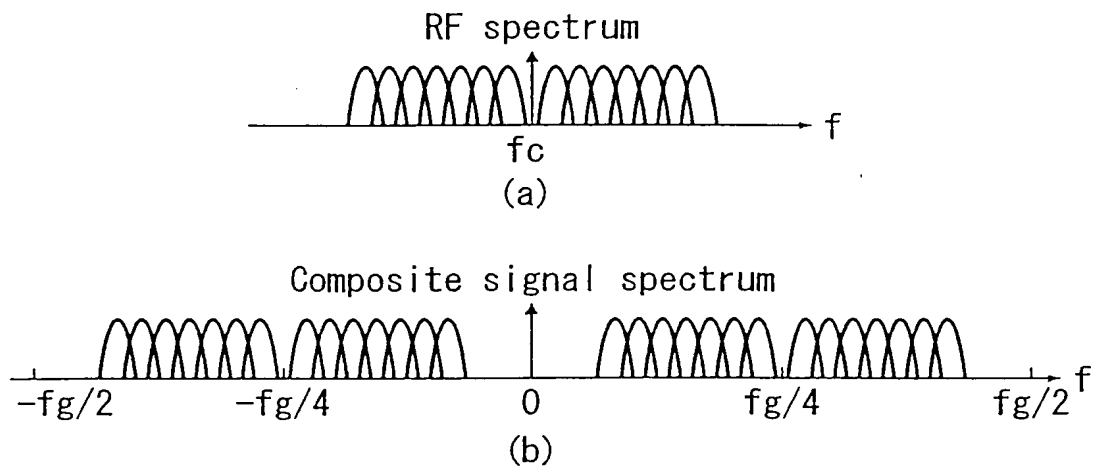


Fig. 15

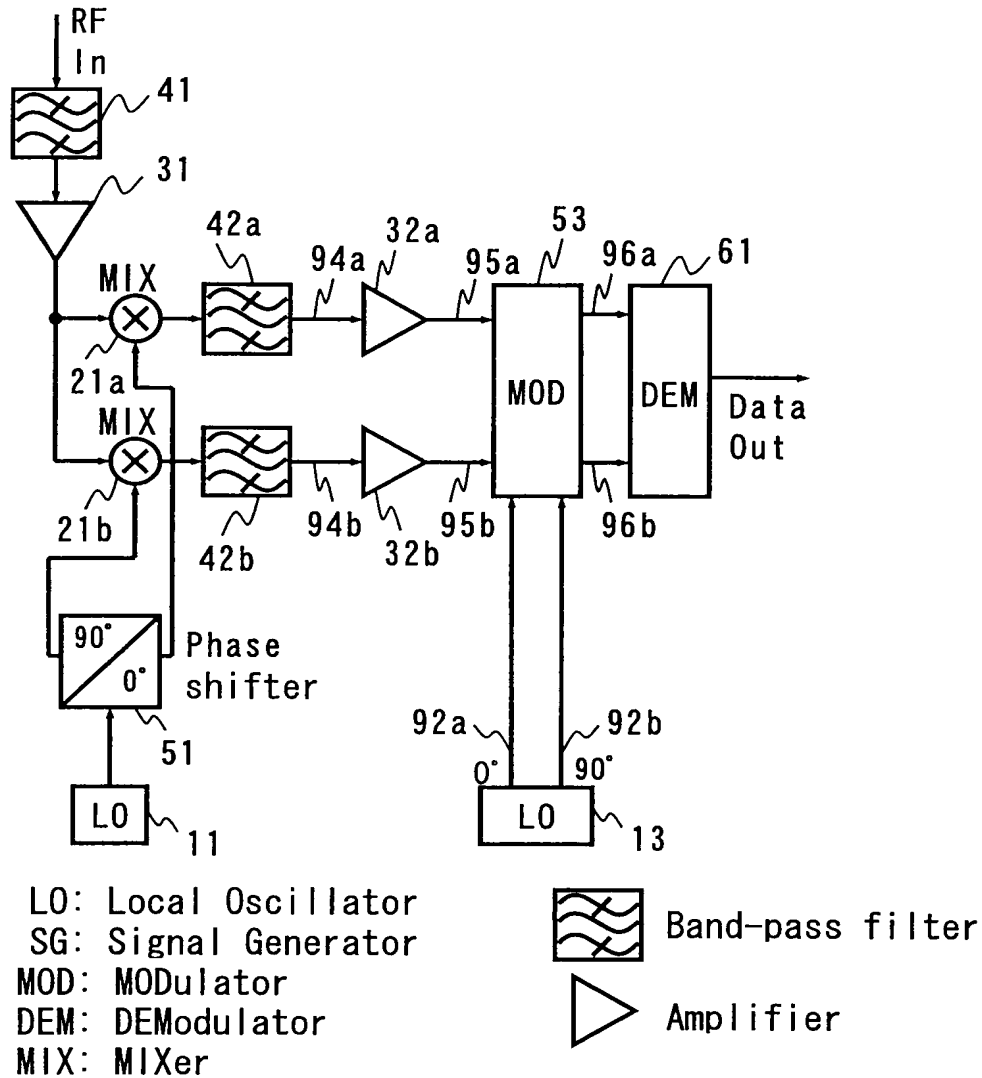


Fig. 16

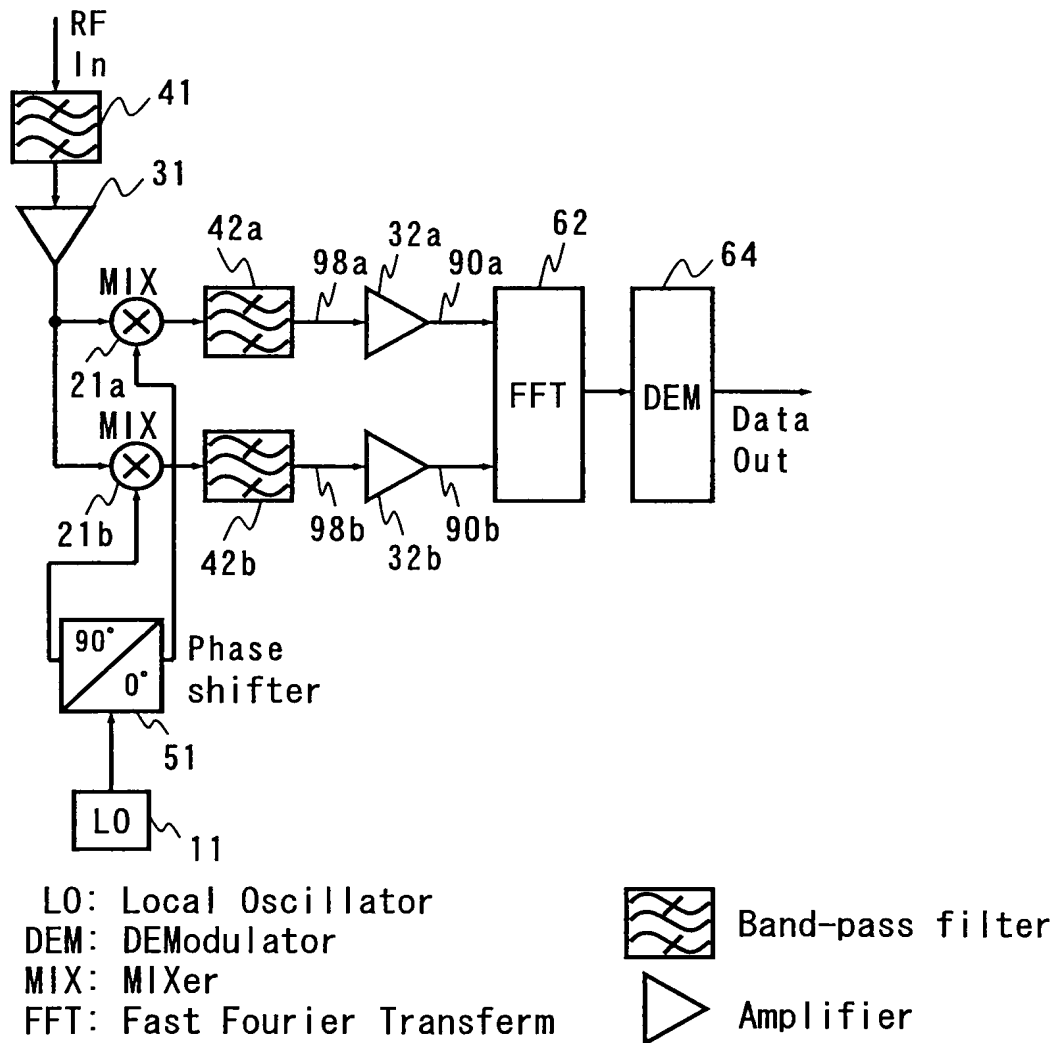


Fig. 17